

SECTION I

Product (Trade) Name - KitchenBrite GPC (General Purpose Cleaner)
Manufacturer's Name - The ServiceMaster Company
Address - One ServiceMaster Way - Downers Grove, IL 60515
Emergency Telephone No. - (708) 964-1300
Chemical Name and Synonyms - N/A
Chemical Family - N/A
Formula: - N/A
DOT Hazard Class: Nonhazardous
ID Number: None

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	C.A.S. No.	% by Wt.	OSHA PEL	TLV-TWA ACGIH 1986-87	ACGIH Other Limit	Listed as Carcinogenic by IARC, NTP, OSHA, ACGIH
Ethanolamine	141-43-5	5-10	3 ppm	3 ppm	6 ppm	No
Ethylenediamene tetraacetic acid sodium salt	60-00-4	7-10	N/E	N/E	N/E	No*
Nonylphenoxy poly	9016-45-9	5-10	N/E	N/E	N/E	No

See Section V for additional data.

In accordance with OSHA's Hazard Communication Standard, ingredients listed in this section are those identified as being hazardous and present at concentrations greater than 1%, or greater than 0.1% if the substance is a listed carcinogen. Information concerning ingredients identified as "Proprietary" will be made available as provided in 29 CFR 1910.1200(i).

SECTION III - PHYSICAL DATA

Boiling Point (°F): > 212
Vapor Pressure (mm hg.): N/D
Vapor Density (Air = 1): > 1
Solubility in Water: Completely soluble
Appearance and Odor: Pink liquid with pine odor.
pH of Concentrate: 10.3
Specific Gravity (H₂O = 1): 1.07
Percent Volatile By Weight: 70-75
Evaporation Rate (water = 1): ~1
pH Diluted for Use: 9-10

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag, Closed Tester): > 200°F
Extinguishing Media: Water, CO₂
Flammable Limits: LEL N/A, UEL N/A

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should always be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: None known.

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Exposure: Skin contact.
Threshold Limit Value: N/D. See Section II for TLV of Hazardous Ingredient.

Effects of Overexposure

Acute
By Inhalation: Possible irritation of respiratory tract.
By Eye Contact: Irritation.
By Ingestion: Gastrointestinal irritation. Possible nausea and diarrhea.
By Skin Contact: Possible mild irritation.

SECTION V - HEALTH HAZARD DATA (cont.)

- Chronic: Repeated or prolonged contact with skin may cause dryness or irritation.

Repeated excessive exposure to elevated concentrations of Ethanolamine (CAS # 141-43-5) may cause liver and kidney injury. Lethargy may be a sign or symptom of excessive exposure. Ethanolamine has also been reported to cause birth defects in rats following oral administration. Information is inadequate for an evaluation of the reported findings. Additional studies are in progress.

Note: EDTA contains trace quantities of nitrilotriacetic acid (0.02%) which was found to be carcinogenic to rats and mice in a national cancer institute feeding study, including tumors of the urinary tract and kidneys. EDTA was also carcinogenic to rats when administered in drinking water.

- Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures

For Inhalation: Move to fresh air.
For Eye Contact: Flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. If irritation persists, consult a physician.
For Ingestion: Give milk or water. Induce vomiting. Call physician immediately.
For Skin Contact: Flush skin thoroughly with water. Remove and launder contaminated clothing. Get medical attention if irritation persists.

SECTION VI - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Highly acidic materials.

Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled - Add absorbent and remove with a shovel or flush away with water.
Waste Disposal Method - Small amounts may be flushed to sewer. Large quantities should be consigned to a waste hauler.
Hazardous Waste Classification: Nonhazardous

Dispose of all waste in accordance with local, State, and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

For Handling Product as Supplied

Respiratory Protection - Not normally needed.
Ventilation - Normal ventilation satisfactory.
Protective Gloves - NBR or rubber.
Eye Protection - Chemical splash goggles.
Other Protective Equipment - If splashing occurs when handling concentrate, wear impervious apron and/or clothing as required to avoid skin contact.

For Handling Product After Dilution For Use

Respiratory Protection - Not normally required.
Ventilation - Normal ventilation satisfactory.
Protective Gloves - NBR or rubber.
Eye Protection - Not normally needed.
Other Protective Equipment - Not normally needed.

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MATERIAL SAFETY DATA SHEET
(Complies with 29 CFR 1910.1200)
Emergency Telephone Number (708) 964-1300

KitchenBrite (General Purpose Cleaner)

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SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store in a cool, dry location.

Other precautions: None known.

SECTION X - ADDITIONAL INFORMATION

SARA 313 Information: This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration</u>
N/A	N/A	N/A

Prepared By: James R. Keith
Title: Occupational Safety and Health Coordinator

Date of Preparation: January 17, 1994
Replaces previous form dated: October 12, 1990

N/A - Not Applicable

N/D - Not Determined

N/E Not Established